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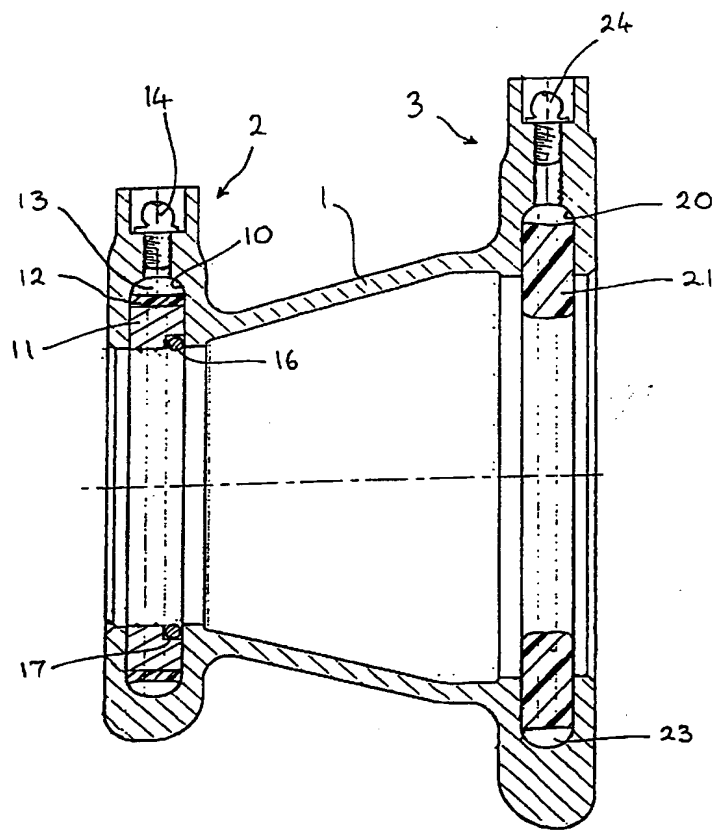
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(54) Title: PIPE REPAIR SYSTEM AND DEVICE



(57) Abstract: The invention provides a coupling member for use in the repair of pipes and pipelines of from 90mm to 250mm in diameter, such as those used for the pipeline transportation and delivery of domestic and industrial liquids such as water, gas, oil and other petrochemicals. Two coupling members are used for each repair. Each has a first collar portion for surrounding the new pipe section and a second collar portion for surrounding a cut end portion of the old pipe section, and the two pipe connectors are located with their respective first collar portions adjacent to one another and their respective second collar portions facing mutually outwardly towards the opposite ends of the new pipe section. Pressure chambers are formed between the annular grooves and the seal members of the first collar portions and between the annular grooves and the nitrile rubber sealing rings of the second collar portions.



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